| Index  | Ωf | Claims   | (con  | tini  | ied) |
|--------|----|----------|-------|-------|------|
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| _ | Application No. | Applicant(s)     |
|---|-----------------|------------------|
|   | 10/001,364      | HOHBERGER ET AL. |
|   | Examiner        | Art Unit         |
|   | An H. Do        | 2853             |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Clai   | im                           |           |   | Date             | •               |          |   |       | Cla   | aim      |        |                |   | ate         |         |                         |          |      | Cla      | aim        |                 |  |           |              | ate                                 |                     |           |               | ٦        |
|--|------------------------------|-----------|---|------------------|-----------------|----------|---|-------|-------|----------|--------|----------------|---|-------------|---------|-------------------------|----------|------|----------|------------|-----------------|--|-----------|--------------|-------------------------------------|---------------------|-----------|---------------|----------|
|  |                              |           |   | $\Box$           |                 |          |   |       |       |          |        |                |   |             |         |                         |          |      |          |            |                 |  |           | T            |                                     |                     |           |               | ٦        |
| ज  | Original                     | 8         |   | 1 1              |                 |          |   |       | ल     | Original | 8/4/04 | -              |   |             |         | 1 1                     |          | :::: | <u>a</u> | Original   | 8/4/04          | ı                                      |           | - 1          |                                     |                     |           |               | J        |
| Final  | ΞĒ                           | 8/4/04    |   |                  |                 |          |   |       | Final | rig      | 34     | - 1 1          |   |             |         | 11                      |          |      | Final    | rig        | 8/4             |  |           |              | Ì                                   |                     |           | -             | J        |
|  | 0                            | ٣         |   |                  |                 | - 1      |   |       | _     | 0        | "      |                |   |             |         |                         |          |      |          | 0          | ~               |  |           |              | - 1                                 |                     | 1         |               | -        |
| <del>                                     </del> | 1\$1                         | ┪         |   | +                |                 |          | +                                       |       | 8     | 201      | =      | <del></del>    | -   |             | +-      | +                       | -1       |      | 58       | 251        | =               |  | 一         | _            | _                                   | $\neg \dagger$      | $\dashv$  | $\dashv$      | ٦        |
|  | 152                          | ┪         |   | + +              | $\vdash$        |          | ╁┈                                      |       | 9     | 202      | =      | -              |   |             | +       | <del>     </del>        | $\dashv$ | :::: | 59       | 252        | =               | _                                      | _         |              | _                                   | _                   | $\top$    | $\top$        | $\dashv$ |
| <del>-  </del>                                   | 153                          | $\dashv$  | <del>-                                     </del> | +                |                 | +        | +                                       |       | 10    | 203      | =      | +              | <del>-  </del> -  | +           | +       | +                       | $\dashv$ |      | 60       | 253        | =               | -                                      | ᅱ         | _            | $\dashv$                            | 十                   | $\dashv$  | $\dashv$      | $\dashv$ |
|  |                              | -         |   | 1-1              | -+              | $\dashv$ | +                                       |       | 11    | 204      | =      |                | +   | $\dashv$    | +       | ++                      | $\dashv$ |      | 61       | 254        | =               | $\dashv$                               | $\dashv$  | -            | $\dashv$                            | +                   | _         | 十             | -        |
|  | 1 <b>5</b> 4<br>1 <b>5</b> 5 | -         |   | ╅                | -               |          | +                                       |       | 22    | 205      | H      |                | -+  | +           | ┰       | ++                      | ┥        |      | 62       | 255        | =               | $\vdash$                               | -         |              | $\dashv$                            | $\dashv$            | $\dashv$  | +             | $\dashv$ |
|  | 156                          |           | <del></del>                                       | +                |                 | ┿        | +                                       |       | 23    | 206      | =      |                | $\dashv$  | $\dashv$    | ╁╌      | ++                      | ᅱ        |      | 63       | 256        | =               | $\vdash$                               | $\dashv$  | -            | _                                   | $\dashv$            | +         | +             | +        |
|  | 157                          | $\dashv$  |   | +                | -               | +        | +-                                      |       | 24    | 207      | =      |                | $\dashv$  | $\dashv$    | +       | +                       | ᅱ        |      | 00       | 257        | H               | $\vdash$                               | $\dashv$  | -            | +                                   | $\dashv$            | $\dashv$  | +             | -        |
|  | 158                          |           |   | +                | $\dashv$        | +        | +                                       |       | 16    | 208      | =      |                | -   | +           | +-      | ╁┼┼                     | ⊣        |      |          | 258        |                 |  |           | $\dashv$     | $\dashv$                            | $\dashv$            | $\dashv$  |               | $\dashv$ |
|  |                              | $\dashv$  |   | 4-1              | -               |          |   |       | 17    | 209      | =      | $\dashv$       | -+  | -+          | +       | ╁┼┼                     | $\dashv$ |      |          | 259        |                 | $\vdash$                               | -         | -            | $\dashv$                            | $\dashv$            | +         | +             | -        |
|  | 159                          |           |   | +                | -               | +        | +-                                      |       |       |          | -      |                | -   | <del></del> | +       | ++                      | $\dashv$ |      |          | 260        |                 |  | -         | <del>-</del> | -                                   | +                   | +         | -             | -        |
| -  | 160                          | -         |   |                  | $\dashv$        | -        | +                                       |       | 12    | 210      | =      |                | +   | -+          | +       | ╁┼                      | ᅱ        |      |          | 261        | -               | $\vdash$                               | $\dashv$  | $\dashv$     | -                                   | $\dashv$            | 十         | +             | 4        |
|  | 161                          | $\vdash$  |   | +                |                 |          | +                                       |       | 13    | 211      | -      | -              | +   | +           | -       | ╁┼                      | $\dashv$ |      |          | 262        | -               | $\vdash \vdash$                        | $\dashv$  | $\dashv$     | $\dashv$                            | +                   | +         | +             | -        |
| <b></b>  | 162                          | $\square$ |   | +                | $\vdash$        |          |   |       | 14    | 212      | =      | $\dashv\dashv$ | -   | +           | +       | +                       | $\dashv$ |      | <u> </u> | 263        | H               | $\vdash$                               | $\dashv$  | $\dashv$     |                                     | $\dashv$            | +         | +             | _        |
|  | 163                          |           |   | +                | $\vdash$        | +        |   |       | 15    | 213      | =      | $\dashv$       | -   | +           | +-      | ┼┼                      |          |      |          | 264        | $\vdash$        | -                                      | $\dashv$  | $\dashv$     | $\dashv$                            | +                   | +         | +             | _        |
| $\vdash \vdash$                                  | 164                          |           | +   |                  | $\vdash$        | +        |   |       | 25    | 214      | =      | +              | -+  | +           | +       | +                       | $\dashv$ |      | <u> </u> |            | $\vdash$        | $\vdash$                               | $\dashv$  |              | $\dashv$                            | -                   | +         | +             | _        |
|  | 165                          |           | -   |                  | $\vdash \vdash$ |          | +                                       |       | 26    | 215      | =      | -              | -   | $\dashv$    | +       | ┼┼-                     | $\dashv$ |      | <u> </u> | 265        | $\vdash$        | Н                                      | $\dashv$  |              | $\dashv$                            |                     | $\dashv$  | +             | _        |
|  | 166                          |           |   | +                | $\vdash$        | _        | +                                       |       | 27    | 216      | =      |                | $\vdash$  |             | -       | ╁╌┼                     | $\dashv$ |      | <u> </u> | 266<br>267 | $\vdash$        | $\vdash$                               | $\vdash$  |              | -                                   | -                   | $\dashv$  | +             | _        |
|  | 167                          |           | $\rightarrow$                                     | $\perp$          | $\sqcup$        |          | 4                                       |       | 28    | 217      | =      |                |   |             | -       | ╀                       |          |      |          |            | $\vdash$        | Н                                      |           |              | $\dashv$                            | $\dashv$            | $\dashv$  | +             |          |
|  | 168                          |           |   | $\perp$          |                 | _        | _                                       |       | 29    | 218      | =      |                |   |             | +       | +                       |          |      |          | 268        | _               | Ш                                      |           | -            | $\dashv$                            | -                   | -         | +             |          |
|  | 169                          |           |   | $\perp$          | L               | _        | $\bot$                                  |       | 30    | 219      | =      | _              | $\rightarrow$   |             |         | —                       | ᅴ        |      |          | 269        | <u> </u>        | Н                                      |           |              | _                                   |                     | $\dashv$  | +             | _        |
|  | 170                          |           |   | $\perp$          | $\sqcup$        | _        | _                                       |       | 32    | 220      | =      |                | $\sqcup$  |             |         | <b>↓</b> ↓              | _        |      | <u> </u> | 270        | -               | Ш                                      | -         |              |                                     | +                   | $\dashv$  | +             | _        |
|  | 17/1                         |           |   |                  | $\sqcup$        |          |   |       | 33    | 221      | Ξ      |                | Ш   | _           |         | $\perp \perp$           | ᆜ        |      |          | 271        | _               |  |           | _            |                                     |                     | $\dashv$  |               | _        |
|  | 172                          |           |   |                  |                 | $\perp$  |   |       | 31    | 222      | =      |                | Ш   | _           | $\bot$  |                         | _        |      |          | 272        | _               | ļ                                      |           |              | _                                   | _                   | $\dashv$  |               |          |
|  | 173                          |           |   |                  |                 |          |   |       | 34    | 223      | =      |                | Ц   | _           | _       |                         |          |      |          | 273        | <u> </u>        | _                                      |           |              | _                                   |                     | $\dashv$  | $\dashv$      | —        |
|  | 17/4                         |           |   |                  | $\sqcup$        | _        |   |       | 35    | 224      | =      |                | $\Box$  | _           | _       |                         |          |      |          | 274        | <u> </u>        | <u> </u>                               |           | _            |                                     | -                   | $\dashv$  | $\dashv$      | _        |
|  | 175                          |           |   |                  |                 | _        |   |       | 18    | 225      | =      | _ _            | Ш   | _           |         | -                       | _        |      |          | 275        | ļ               | _                                      | _         | _            |                                     |                     | $\dashv$  | $\dashv$      | _        |
|  | 176                          |           |   |                  | $\sqcup$        |          |   |       | 36    | 226      | =      |                | Щ   | _           | $\bot$  | 1-1                     |          |      |          | 276        |                 |  | _         |              |                                     | _                   | $\dashv$  | -             |          |
|  | 177                          |           |   | $\perp$          | $\sqcup$        |          |   |       | 37    | 227      | =      | _ _            | Щ   | $\dashv$    |         | 1-1                     | _        |      |          | 277        | lacksquare      | <u> </u>                               |           |              |                                     |                     | $\dashv$  | -             |          |
|  | 17 <b>8</b>                  |           |   |                  | Ш               | 丄        |   | 1     | 38    | 228      | =      |                | $\sqcup$  | _           |         | 1                       | ᅴ        |      |          | 278        | ┡               | <u> </u>                               |           |              |                                     |                     | $\dashv$  | -             | _        |
|  | 179                          |           |   |                  | Ш               |          |   |       | 39    | 229      | =      |                | Ш   | _           | _       | $\perp \perp$           | _        |      |          | 279        | _               | ┞.                                     | <u> </u>  |              |                                     | _                   | $\dashv$  | $\rightarrow$ | _        |
|  | 18D                          |           |   |                  |                 | $\perp$  |   |       | 40    | 230      | =      |                |   |             | $\bot$  | 1                       | _        |      |          | 280        | <u> </u>        | ļ                                      | <u> </u>  |              | Щ                                   | _                   | 4         | _             | _        |
|  | 181                          |           |   | $\perp$          | $\Box$          |          | $\perp$                                 |       | 19    | 231      | =      | _ _            | $\sqcup$  |             | $\bot$  | $\downarrow \downarrow$ | _        |      | <u></u>  | 281        | <u> </u>        | <u> </u>                               | <u> </u>  |              |                                     |                     | 4         | $\dashv$      | _        |
|  | 182                          |           |   | $\perp$          |                 |          | $\perp$                                 | 1     | 20    | 232      | =      |                | Щ   | _           | $\bot$  | 11                      | _        |      | <u></u>  | 282        | $\vdash$        | <u> </u>                               | <u> </u>  |              |                                     |                     | $\dashv$  | $\dashv$      | _        |
|  | 183                          | <u> </u>  |   |                  |                 |          |   |       | 21    | 233      | =      |                | Ш   |             |         | $\downarrow \downarrow$ | _        |      |          | 283        | <u> </u>        | <b>—</b>                               | <u> </u>  |              | <u> </u>                            | $\sqcup$            | $\dashv$  | $\dashv$      | _        |
|  | 184                          |           |   |                  |                 |          |   |       | 41    | 234      | =      |                | Ш   | _           | $\bot$  | $\downarrow \downarrow$ | _        |      |          | 284        | <u> </u>        | <u> </u>                               | <u> </u>  |              | <u> </u>                            |                     | $\dashv$  | $\dashv$      | _        |
|  | 185                          |           |   |                  |                 |          |   |       | 42    | 235      |        |                | $\sqcup$  | $\perp$     |         | igspace                 |          |      | L_       | 285        | ļ               | <u> </u>                               | <u> </u>  |              |                                     | $\sqcup$            | 4         | $\dashv$      | _        |
|  | 186                          |           |   |                  |                 |          |   | 1     | 43    | 236      | _      |                | Ш   | _           | $\bot$  | $\downarrow \downarrow$ | _        |      |          | 286        |                 | <b>↓</b> _                             | L         | Ш            | L_                                  | $\vdash \downarrow$ | $\dashv$  | 4             | _        |
|  | 187                          |           |   |                  |                 |          |   |       | 44    | 237      | =      |                | Ш   | $\perp$     | J.,     | $\bot \bot$             |          |      |          | 287        | 1_              | ├_                                     | <u> </u>  | Ш            | <u> </u>                            | $\vdash \vdash$     | $\dashv$  | 4             | _        |
|  | 188                          |           |   |                  |                 |          |   |       | 45    | 238      | =      |                | $\sqcup$  | $\bot$      |         | $\sqcup$                |          |      |          | 288        | 1_              | <b>!</b>                               | <u> </u>  |              | _                                   | $\sqcup$            | $\dashv$  | $\dashv$      | _        |
|  | 189                          |           |   |                  | Ш               |          |   |       | 46    | 239      | =      |                | Ш   |             |         | $\downarrow \downarrow$ |          |      | <u> </u> | 289        | <b> </b> _      | <b>—</b>                               | <u> </u>  |              |                                     | $\sqcup$            | _         | $\dashv$      | _        |
|  | 190                          |           |   |                  | $\coprod$       |          |   |       | 47    | 240      | =      | $\Box$         | Ш   | $\perp$     |         | 4.4                     |          |      | <u> </u> | 290        | $oxed{igspace}$ | <del> </del>                           |           |              | L                                   | Щ                   | $\dashv$  | $\dashv$      | _        |
|  | 191                          |           |   |                  |                 |          |   |       | 48    | 241      |        |                |   |             |         |                         |          |      |          | 291        | _               | <u> </u>                               |           |              | <u> </u>                            | $\sqcup$            | _         | _             | _        |
|  | 192                          | 匚         |   | $\bot$           |                 |          |   | 1     | 49    | 242      |        |                | Ц   |             | _ _     | $\downarrow \downarrow$ |          |      | <u> </u> | 292        | _               | ــــــــــــــــــــــــــــــــــــــ | Щ.        | <u> </u>     | <u> </u>                            | $\sqcup$            | $\dashv$  | $\dashv$      |          |
|  | 193                          |           |   |                  |                 |          |   |       | 50    | 243      |        |                | Ш   |             |         | $\downarrow \downarrow$ |          |      | <u> </u> | 293        | $\vdash$        | 1                                      | L.        | _            | _                                   | $\sqcup$            | $\dashv$  | $\dashv$      | _        |
| 1  | 194                          | =         |   |                  | $\Box$          | $\Box$   |   |       | 51    | 244      |        |                | Ш   |             |         | $\perp \perp$           |          |      | <u></u>  | 294        | $\perp$         | 1                                      | <u> _</u> | <u> </u>     |                                     | $\sqcup$            | ᆜ         | $\dashv$      | _        |
| 2  | 195                          | =         |   |                  |                 |          |   |       | 55    | 245      |        |                | $oxedsymbol{ox{oxed}}}}}$ |             | $\perp$ |                         |          |      | <u></u>  | 295        | 1_              | L_                                     | <u> </u>  | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\sqcup$            |           | _             |          |
| 3  | 196                          | =         |   |                  |                 |          |   | ]:::: | 56    |          |        |                |   |             |         | $\perp \perp$           |          |      | <u></u>  | 296        | 1_              | 1_                                     | <u> </u>  |              | <u> </u>                            | $\sqcup$            | $\square$ | $\dashv$      | _        |
| 4  | 197                          | =         |   | $\mathbf{I}^{-}$ |                 |          |   |       | 57    | 247      |        |                |   |             |         |                         |          |      |          | 297        | <u> </u>        | _                                      |           |              | _                                   |                     | Ш         | $\dashv$      | _        |
| 5  | 198                          | =         |   | 1                |                 |          | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]:::: | 53    | 248      |        |                |   |             |         |                         |          |      |          | 298        | <u> </u>        |  | L         |              | 匚                                   | Ш                   | Ш         | $\dashv$      | _        |
| 6  | 199                          | -         |   | T                |                 |          |   | ]:::: | 54    | 249      |        |                |   |             | _[_     | $\perp \perp$           |          |      | <u></u>  | 299        | <u> </u>        |  | <u>L</u>  | _            | _                                   | Ш                   | Ш         | _             | _        |
| 7  | 200                          |           |   |                  |                 | T        |   | 1     | 52    | 250      |        |                |   |             |         |                         |          |      |          | 300        | Ĺ               |  |           | L            |                                     |                     | LЛ        |               |          |